

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013667

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B41J13/08 B41J11/00 B41J3/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 029 041 A (TAKANO ET AL) 22 February 2000 (2000-02-22) column 10, line 40 - column 11, paragraph 1; figure 1	1-10
X	US 6 106 090 A (UCHIDA ET AL) 22 August 2000 (2000-08-22) column 6, line 63 - column 7, line 49; figure 2	1
X	PATENT ABSTRACTS OF JAPAN vol. 011, no. 238 (M-613), 5 August 1987 (1987-08-05) & JP 62 051530 A (CANON INC), 6 March 1987 (1987-03-06) abstract	1
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

11 March 2005

Date of mailing of the international search report

22/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Wehr, W

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013667

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11, 29 November 1996 (1996-11-29) & JP 08 194393 A (CANON INC), 30 July 1996 (1996-07-30) abstract</p> <p>-----</p>	1

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013667

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6029041	A	22-02-2000	JP 11161039 A	18-06-1999
			JP 11160935 A	18-06-1999
			JP 2000056654 A	25-02-2000
US 6106090	A	22-08-2000	JP 3016924 B2	06-03-2000
			JP 5092632 A	16-04-1993
			DE 69225662 D1	02-07-1998
			DE 69225662 T2	26-11-1998
			EP 0535914 A2	07-04-1993
JP 62051530	A	06-03-1987	NONE	
JP 08194393	A	30-07-1996	NONE	